

EDLINSKIY, Sergey Frantsovich, kand.istor.nauk, starshiy nauchnyy sotrudnik;
TKACHENKO, N.N., red.; BOL'SHAKOVA, L.A., tekhn.red.

[Forty years of the Soviet Northern Ice-breaking Flotilla;
historical sketch] 40 let Sovetskoi Severnoi ledokol'noi flotii;
istoricheskii ocherk. Arkhangel'sk, Arkhangel'skoe knizhnoe
izd-vo, 1958. 62 p. (MIRA 13:4)

1. Tsentral'nyy nauchno-issledovatel'skiy institut ekonomiki i
eksploatatsii vodnogo transporta (for Edlinskiy).
(Ice-breaking vessels)
(Arctic Ocean--Navigation)

TKACHENKO, N. N., KOROVINA, A. G., GLADKIKH, S. G., SHILOVA, S. A.,
USTINOVA, A. P., PETROVA, N. V.

"Antitick measures in the nidi of spring-summer encephalitis."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

(N)

L 12168-66

EWT(m)/EWP(w)/T/EWP(t)/EWP(b) MJW/JD

ACC NR: AP5028381

SOURCE CODE: UR/0369/65/001/005/0620/0621

AUTHOR: Tkachenko, N. N.; Boltarovich, A. V.; Karpenko, G. V.

ORG: Physics-engineering Institute, AN UkrSSR, L'vov (Fiziko-mekhanicheskii institut AN UkrSSR)

TITLE: The effect of the type of load on the corrosion-fatigue strength of steel

SOURCE: Fiziko-khimicheskaya mekhanika materialov, v. 1, no. 5, 1965, 620-621

TOPIC TAGS: corrosive strength, corrosion resistant steel, fatigue strength, cyclic strength, steel / Kh17N2 steel

ABSTRACT: The authors used Kh17N2 steel, which is widely utilized in the manufacture of parts intended for operation in corrosive media, to study the effect of type of load on the corrosion-fatigue strength of steel. The results show that the fatigue strength of specimens in air with a clean bend in the steel is higher than that under axial longitudinal load, and in tests in a corrosion medium this strength is considerably higher than with a clean bend. The conclusions obtained on the cyclic strength in air depending on the type of load do not contradict the existing opinions on the subject. In a corrosive medium the durability under cyclic longitudinal stress is higher than that under cyclic bending. Orig.

Card 1/2

L 12168-66

ACC NR: AP5028381

art. has: 1 figure.

SUB CODE: 11 / SUBM DATE: 10May65 / ORIG REF: 002

HW

Card 2/2

L 11421-66

ACC NR: AP6002119

SOURCE CODE: UR/0369/65/001/006/0697/0700

AUTHOR: Vasilenko, I.I.; Tkachenko, N.N.; Karpenko, G.V.

ORG: Physicomechanical Institute, AN UkrSSR, L'vov (Fiziko-mekhanicheskiy institut AN UkrSSR)

TITLE: Effect of electrodeposits on cracking of hardened steel during testing in air and in hydrogenating corrosive media

SOURCE: Fiziko-khimicheskaya mekhanika materialov, v. 1, no. 6, 1965, 697-700

TOPIC TAGS: copper, nickel, cadmium, zinc, chromium, protective coating, steel, hydrogen embrittlement, sulfuric acid, corrosion protection, cathode polarization, tensile strength

ABSTRACT: The effect of cadmium, zinc, nickel, chromium, copper, and brass plating and of aging conditions after deposition on the short-term and long-term static strength of oil-hardened 45 steel was studied by testing in air and in 20% H₂SO₄. The coatings were found to decrease σ_b considerably. Aging for 2 hr. at 210 — 220C completely restored the strength of Cr- and Ni-plated samples, but not in the case of the other deposits. The effect of aging temperature on the recovery of the strength of Cd, Zn, and Card 1/2

2

L 11421-66

ACC NR: AP6002119

Cu-plated samples was studied. The decrease in long-term strength observed in the latter case was due to an incomplete desorption of the hydrogen dissolved in the metal. In 20% H_2SO_4 , of all the metals, only the copper deposit provided a complete protection against corrosive attack of the steel. It is postulated that these protective properties are due to the low diffusional permeability of the coating to hydrogen. The copper deposit prevents hydrogen desorption during aging and protects the steel against hydrogen absorption during testing in the electrolyte both with and without cathodic polarization. Copper plating is therefore recommended for practical applications of this type. Orig. art. has: 3 figures and 1 table.

SUB CODE: 11, 07 / SUBM DATE: 27Jun65 / ORIG REF: 004 / OTH REF: 004

FW
Card 2/2

L 14416-66 EWP(z)/EWT(m)/EWP(b)/EWA(d)/EWP(w)/EWP(t)/ MJW/JD/NB
ACC NR: AP6002125 ^T (N) SOURCE CODE: UR/0369/65/001/006/0730/0731

AUTHOR: Tkachenko, N. N.; Pogoretskiy, R. G.

ORG: Physicomechanical Institute AN UkrSSR, L'vov (Fiziko-mekhanicheskiy institut AN UkrSSR) 52
51
B

TITLE: Scale factor in the corrosion fatigue of steel and similitude conditions

SOURCE: Fiziko-khimicheskaya mekhanika materialov, v. 1, no. 6, 1965, 730-731

TOPIC TAGS: scale model, similarity theory, corrosion, steel, sodium chloride

ABSTRACT: Using dimensional analysis and its main tool, the π theorem, the authors have determined the similitude criteria for the case of corrosive action of an external working medium on geometrically similar samples of one and the same material subjected to cyclic loads. Of decisive influence on the corrosion process are the electrolyte ions adsorbed on the metal surface in a monolayer; the surface concentration of the electrolyte means the quantity of its ions per unit metal surface in a monolayer. The process of corrosion-fatigue attack is determined by the following quantities (dimensions in parentheses): weight loss during corrosion $K_w(PL^{-2}T^{-1})$; length of sample $l(L)$; diameter of sample $d(L)$; surface concentration of electrolyte $K(PL^{-2})$; testing time $t(T)$; density of sample material
Card 1/2

2

L 14416-66

ACC NR: AP6002125

ρ (PL-3); stresses σ (PL-2) at similar points of geometrically similar samples; external forces $F(P)$ applied to the sample. The following similitude criteria are obtained from the rule of the π theorem:

$$\frac{K_w \cdot t}{K}, \frac{\rho \cdot l}{K}, \frac{\sigma^2}{F}, \frac{1}{d}$$

from which the equation

$$\Phi \left(\frac{K_w \cdot t}{K}, \frac{\rho \cdot l}{K}, \frac{\sigma^2}{F}, \frac{1}{d} \right) = 0.$$

is deduced. The law of similitude is formulated as follows: geometrically similar samples prepared from the same material are considered to be subjected to a similar corrosion-fatigue test if the weight loss K_w of the samples and stresses σ are identical. Hence, with $\sigma = \text{const}$ and $K_w = \text{const}$, and taking (1) into consideration, the following similitude conditions are obtained:

$$\frac{F}{l^2} = \text{const}(2); \frac{t}{k} = \text{const}(3); \frac{1}{k} = \text{const}(4); \frac{1}{d} = \text{const}(5).$$

These conditions were checked experimentally on 40Kh steel. It is concluded that in some cases, instead of full-scale tests of large machine parts operating, for example, in sea water, the tests can be performed on much smaller samples in the laboratory by suitably altering the parameters of the action of the medium.

Orig. art. has: 1 figure and 3 formulas.

SUB CODE: 11 / SUBM DATE: 12Jul65 / ORIG REF: 004 / OTH REF: 001

Card 2/2

TKACHENKO, N. N., Candidate Med Sci (diss) -- "Disorders and restoration of the functions of the blood vessels of the skin following hemisection of the spinal cord". Rostov na Donu, 1959. 12 pp (Second Moscow State Med Inst im N. I. Pirogov), 250 copies (KL, No 25, 1959, 142)

TKACHENKO, N.N., nauchnyy sotrudnik.

Growing hybrid cucumber seeds. Trudy VNIIEOP no.5:185-190 '55.
(Cucumber breeding) (MLRA 9:11)

GLADKIKH, S.G.; SHILOVA, S.A.; TKACHENKO, N.N.

Organization of tick control in the gaiga. Voen.-med. zhur. no.3:
67-69 Mr '56. (MIRA 9:9)

(TICKS AS CARRIERS OF DISEASE)
(DDT (INSECTICIDE))
(TAIGA)

TKACHENKO, N.M., uchitel'nitsa.

Silkworm culture; work experience of young nature students. Est. v shkole
no.3:77-80 My-Je '53. (MLRA 6:5)

1. Srednyaya zhenskaya shkola no. 9 goroda Voronezha. (Sericulture)

TKACHENKO, N. N. M. SHILOVA, S. A., GLADKIKH, S. G.

Organization of Measures Against Ticks in Taiga Forests

Voyenno-meditsinskiy zhurnal, No. 3, March 1956

TEACHENKO, N. N., KOROVINA, A. G., GLADEIKH, S. G., DIANOVA, V. V., USTINOVA, A. P.,
PETROVA, N. V. and SHILOVA, S. A.

"The Epidemiology and Prophylaxis of Tick-Borne Encephalitis in Molotovskaya Oblast," an article presented at the Interoblast' Scientific-Practical Conference of Medical Workers of the Urals, Siberia, and the Far East, Krasnoyarsk, 8-12 Dec 55.

Sum. No. 1047, 31 Aug 56

TKACHENKO, N.N.

Effect of the size of specimens on the mechanical properties of 40Kh
steel. Vliian. rab. sred na svois. mat. no.3:143-145 '64.

(MIRA 17:50)

TELETOV, S.G. ; TKACHENKO, N.S.

Sorptive capacity of Kharkov siliceous and clay rocks. *Bent. gliny*
Ukr. no.2:102-107 '58. (MIRA 12:12)

1.Khar'kovskiy gosudarstvennyy universitet.
(Ukraine--Rocks, Siliceous) (Ukraine--Clay)

Ku. S. Lyalikov, V. I. Salunov, and N. S. Shachenko, Analiz zhелеznogo i manganovogo rud (Analysis of Iron and Manganese Ore), Metallurgizdat.

The booklet presents practical methods of analysis of iron and manganese ore in mine and plant laboratories, describing methods of selection and preparation of assays, laboratory technique, apparatus for physicochemical methods of analysis, and accident prevention in chemical laboratories.

The book is intended for mine and plant laboratory workers.

SO: Sovetskaya kniga (Soviet Books), No. 187, 1953, Moscow, (U-3472)

Trachenko, N. S.

3

Iyalkov, Yu. S., Salimov, V. I., and Trachenko, N. S.:
Analiz zheleznykh i margantsevykh rud (Analysis of Iron
and Manganese Ores). Moscow: Gosizdatgekh. Nauch.-
Tekh. izdatel'stvo Lit. po Chernoi i Tsvetnoi Met. 1964.
272 pp.

12 22

7

Rapid determination of manganese in ores. N. S. Tkachenko and S. M. Khripach. *Zavodskaya Lab.* 13, 1254-5(1947).—Dissolve 0.5 g. of sample, dried at 140-60°, in concd. HCl, add 5 ml. FeCl₃ soln. (10 g. Fe per l.), dil. to 400 ml., and treat with a suspension of ZnO in water, until an excess remains on shaking. Boil the soln. and titrate the Mn⁺⁺ with KMnO₄. Cf. Volhard, *Ann. Chem. Pharm.* 198, 318(1879). G. M. Kosolapoff

ASB S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

TICHCHENKO, N.S.

*Polymers from Chlorinated
Hydrocarbons*

[Handwritten: 2301]
2301. Use of polyvinyl chloride tubing in chemical laboratories. N. S. TIKHONENKO. *Zh. obshch. khim.*, 1960, 16, 480; *Chem. Abstr.*, 1962, 46, 2345. Polyvinyl chloride tubing used in setting up electrical apparatus did not noticeably change under the action of concentrated hydrochloric, dilute sulphuric and nitric acids, concentrated ammonia, potassium permanganate, or benzene. The wall of tubing should be 1.5 mm. thick. 3821121, 0261122, 32

UTIMAGAMBETOV, M.M., kand.geogr.nauk; BERLYAND, T.G., kand.geogr.nauk;
 BEZVERKHNIY, Sh.A., kand.fiz.-matem.nauk; BAYDAL, M.Kh., kand.
 geogr.nauk; KUZNETSOV, A.T., kand.geogr.nauk; CHUBUKOV, L.A.,
 doktor geogr.nauk; SHVYREVA, Yu.G., mladshiy nauchnyy storudnik;
 UTESHEV, A.S., kand.geogr.nauk; GOL'TSBERG, I.A., doktor geogr.
 nauk; KLYKOVA, Z.D., starshiy nauchnyy sotrudnik; MEN'SHIKOVA,
 Ye.A., mladshiy nauchnyy sotrudnik; GEL'MGOL'TS, N.P., starshiy
 nauchnyy sotrudnik; PROKHOROV, I.I., starshiy nauchnyy sotrudnik;
 TKACHENKO, N.S., mladshiy nauchnyy sotrudnik; ZHDANCOVA, L.P.,
 red.; BRAYNINA, M.I., tekhn.red.

[Climate of Kazakhstan] Klimat Kazakhstana. Pod red. A.S.Ute-
 sheva. Leningrad, Gidrometeor.izd-vo, 1959. 366 p.

(MIRA 13:5)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeoro-
 logicheskoy sluzhby. 2. Kazakhskiy pedagogicheskii institut
 (KazPI) (for Utimagambetov). 3. Glavnaya geofizicheskaya observa-
 toriya im. A.I.Voyeykova (GGO) (for Berlyand, Gol'tsberg). 4. Ka-
 zakhskiy nauchno-issledovatel'skiy gidrometeorologicheskii insti-
 tut KazNIGMI) (for Bezverkhniy, Baydal, Kuznetsov, Uteshev, Kly-
 kova, Men'shikova, Gel'mgol'ts, Prokhorov, Tkachenko). 5. Insti-
 tut geografii Akademii nauk SSSR (IG AN SSSR) for Shvyreva).

(Kazakhstan--Climate)

TKACHENKO, N.S.; FEDYUSHINA, L.P.

Some characteristics of the temperature and freezing of
the soil in the foothills of the Trans-Ili Alatau. Trudy
KazNIGMI no.22:106-112 '65.

(MIRA 18:11)

TKACHENKO, N. S.

10a-20. Rapid Method of Determination of Manganese in Cres. (In Russian)
N. S. Tkachenko and S. M. Khripach. Zavodskaya Laboratoriya (Factory Laboratory),
v. 13, Oct. 1947, p. 1254-1255.

Method based on back titration of excess KMnO_4 by bivalent Mn.

immediate source clipping

TKACHENKO, N. S.

58/49T23

USSR/Chemistry - Chemical Equipment
Chemistry - Crucibles

May 49

"Dulevo and Rechitsa Plants Produce Poor-Quality
Crucibles," N. S. Tkachenko, Dep-Chief Engr,
"Gikyzhrud," $\frac{1}{4}$ p

"Zavod Lab" Vol XV, No 5

Several complaints have been registered claiming
that type RZ and DKZ crucibles are not satis-
factory. Most complaints were that the glaze on
these crucibles was ruined after two or three
heatings at 800 to 900°. Crucibles manufactured
by Leningrad Porcelain Factory have given excellent
service.

FDD

58/49T23

TKACHENKO, N. S.
V. A. ROMASHCHENKO, Zavodskaya Lab. 8, 730, 1939

TKACHENKO, Nikolay Stepanovich

LYALIKOV, Yuriy Sergeyevich; SAKUNOV, Valentin Ivanovich; TKACHENKO, Nikolay Stepanovich; GENEROZOV, B.A., redaktor; YEZDOKOVA, M.L., redaktor; EVENSON, I.M., tekhnicheskii redaktor.

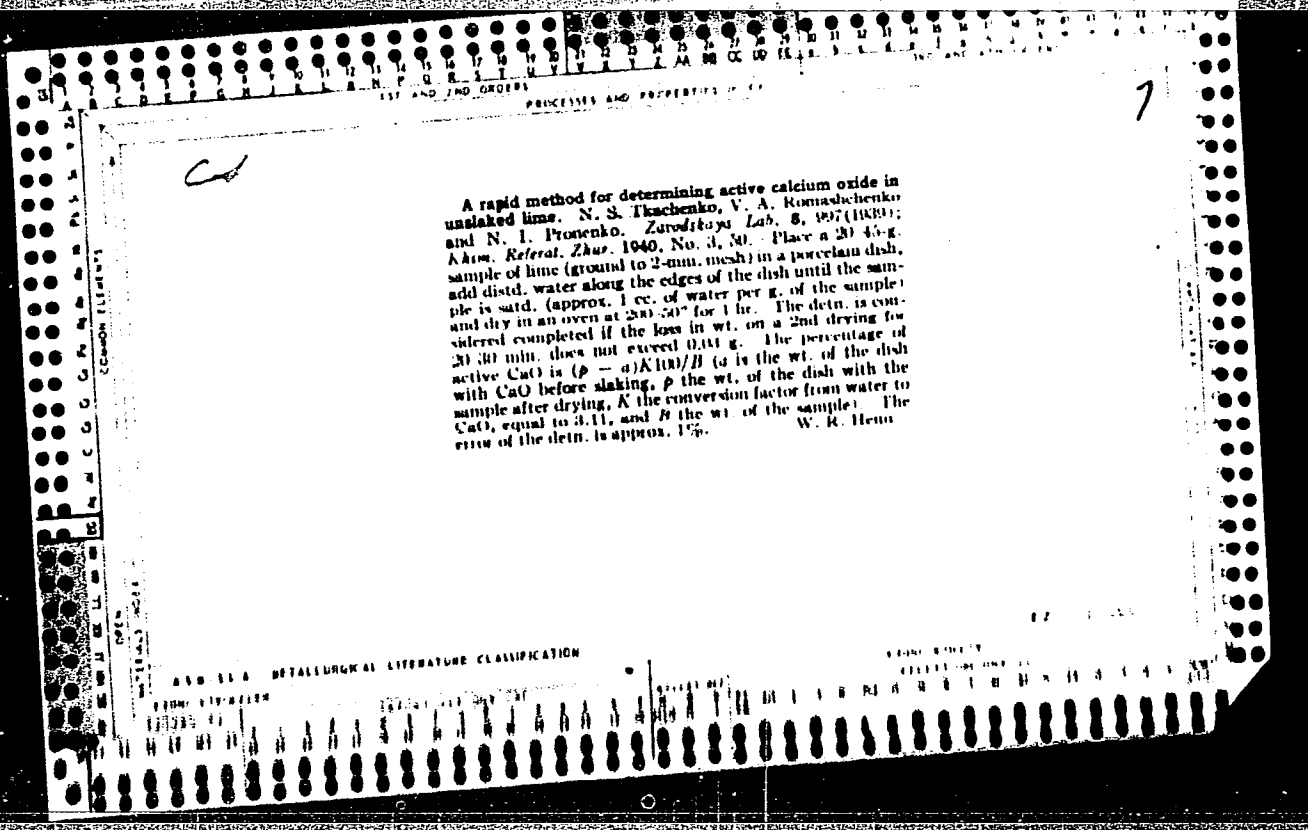
[Analysis of iron and manganese ores] Analiz zheleznykh i margantsevykh rud. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po cherno i tsvetnoi metallurgii, 1954. 272 p. (MLRA 8:1)
(Iron ores--Analysis) (Manganese ores--Analysis)

TKACHENKO, N.S.; DAVIDENKO, P.I.; DOBRZHANSKIY, A.V.

Determination of metallic iron in the presence of oxidizing agents
and free calcium oxide. Zav.lab. 29 no.5:536-538 '63. (MIRA 16:5)

1. Gikyuzhruda.

(Iron--Analysis) (Oxidizing agents)



7

Determination of free silicon dioxide in ores and accompanying rocks.

N. S. Tkachenko and S. M. Khripach. *Zavodskaya Lab.* 14, 357-8(1948).—Details are given for a very painstaking procedure involving treatment of the powd. sample with concd. HCl, treatment of the residue and filter paper ash with 7 N H₂SO₄, treatment of this residue with 6% Na₂CO₃ and final fusion of the last residue still remaining with Na₂CO₃. Now the Si is detd. as usual but in the final filtrate the NH₄OH ppt. is also weighed and the Fe + Al detd.

G. M. K.

PROCESS AND PROPERTIES INDEX

7

Drying iron ore samples at a higher temperature.
N. S. Tkachenko and S. M. Kliripach. Zavedskaya Lab.
14, 625(1948).—In place of the usual drying at 105° it is
recommended to dry 5 min. at 150-160°. G. M. K.

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

TRACIENCO, N. S.

V. A. ROMANOVICH, Zvezda Leningrada, 1930, n. 7, p. 30

5

21

Drying Samples of Iron Ores at High Temperatures. N. S. Theisenko and S. M. Khripach. (Zavodskaya Laboratoriya, 1948, vol. 14, May, p. 625). [In Russian]. A brief account is given of experiments in which it was shown that 100-mesh samples of various iron ores could be completely dried in 5 min. at 160-160° C.—S. K.

ASB-55A METALLURGICAL LITERATURE CLASSIFICATION

CA

7

Rapid photoelectric determination of small amounts of vanadium in iron ore. N. S. Tkachenko and R. M. Petrunina. *Zavolokaya Lib.* 16: 237-239, 1970. Fuse 0.2 g. sample with 1.5 g. Na_2O_2 in Fe crucible, ext. with H_2O , add 10 ml. 18 N H_2SO_4 , 1.5 ml. of 3.6 N HCl , and heat. When the soln. is clear, add 1 ml. 7.5 N HNO_3 , boil, evap. to 30-5 ml., cool, add 5 ml. H_3PO_4 (d. 1.5), 0 ml. 5% Na_2WO_4 soln., heat to $92-5^\circ$, cool, add 1 ml. of fresh 0.1% SnCl_2 dil. to 50 ml., and examine in a colorimeter with yellow-green filter, against a standard color scale.

G. M. Kosolapoff

CA

Use of chlorovinyl tubing in chemistry laboratories. N. S. Tlachenko. *Zashchita Lab.* 16, 480 (1950).—Chlorovinyl tubing used in setting up elec. app. did not noticeably change under the action of concd. HCl, dil. H₂SO₄, and HNO₃, concd. NH₃, K₂Cr₂O₇, benzene, etc. The wall of tubing should be 1.5 mm. thick. B. Z. Kamich

10a-20. Rapid Method for Determination of Manganese in Ores. (In Russian). N. S. Tkachenko and S. M. Khripach. *Zavodskaya Laboratoriya* (Factory Laboratory), v. 13, Oct. 1947, p. 1254-1255.
Method based on back titration of excess $KMnO_4$ by bivalent Mn.

15

Accelerated Method for Manganese in Ores. N. S. Tkachenko and S. M. Khripach. Henry Brucher (Alta-dena, Calif.), Translation No. 2114, 1948, 4 pages. From *Zavodskaya Laboratoriya* (Factory Laboratory), v. 13, no. 10, 1947, p. 1254-1255.

Previously abstracted from original source under title: "Rapid Method for Determination of Manganese in Ores."

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CATEGORIES

3RD AND 4TH CATEGORIES

5TH AND 6TH CATEGORIES

7TH AND 8TH CATEGORIES

9TH AND 10TH CATEGORIES

11TH AND 12TH CATEGORIES

13TH AND 14TH CATEGORIES

15TH AND 16TH CATEGORIES

17TH AND 18TH CATEGORIES

19TH AND 20TH CATEGORIES

21ST AND 22ND CATEGORIES

23RD AND 24TH CATEGORIES

25TH AND 26TH CATEGORIES

27TH AND 28TH CATEGORIES

29TH AND 30TH CATEGORIES

31ST AND 32ND CATEGORIES

33RD AND 34TH CATEGORIES

35TH AND 36TH CATEGORIES

37TH AND 38TH CATEGORIES

39TH AND 40TH CATEGORIES

41ST AND 42ND CATEGORIES

43RD AND 44TH CATEGORIES

45TH AND 46TH CATEGORIES

47TH AND 48TH CATEGORIES

49TH AND 50TH CATEGORIES

51ST AND 52ND CATEGORIES

53RD AND 54TH CATEGORIES

55TH AND 56TH CATEGORIES

57TH AND 58TH CATEGORIES

59TH AND 60TH CATEGORIES

61ST AND 62ND CATEGORIES

63RD AND 64TH CATEGORIES

65TH AND 66TH CATEGORIES

67TH AND 68TH CATEGORIES

69TH AND 70TH CATEGORIES

71ST AND 72ND CATEGORIES

73RD AND 74TH CATEGORIES

75TH AND 76TH CATEGORIES

77TH AND 78TH CATEGORIES

79TH AND 80TH CATEGORIES

81ST AND 82ND CATEGORIES

83RD AND 84TH CATEGORIES

85TH AND 86TH CATEGORIES

87TH AND 88TH CATEGORIES

89TH AND 90TH CATEGORIES

91ST AND 92ND CATEGORIES

93RD AND 94TH CATEGORIES

95TH AND 96TH CATEGORIES

97TH AND 98TH CATEGORIES

99TH AND 100TH CATEGORIES

1ST AND 2ND ADDRESS

PROCESS AND PROPERTY INDEX

15

Rapid Method for Determination of Manganese in Ores. (In Russian.) N. S. Tkachenko and S. M. Khripach. Zavodskaya Laboratoriya (Factory Laboratory), v. 13, Oct. 1947, p. 1254-1255.

Method proposed is based on back titration of excess $KMnO_4$ by bivalent Mn.

COMMON ELEMENTS

COMMON VARIABLES INDEX

COMMON LITERATURE CLASSIFICATION

STEPIN, Vasil'iy Vasil'yevich; SILAYEVA, Yelizaveta Vasil'yevna;
PLISS, Anastasiya Mikhaylovna; KURBATOVA, Vera Ivanovna;
KRYUCHKOVA, Lidiya Merkur'yevna; PONOSOV, Vladimir Il'ich;
DYMOV, A.M., doktor khim. nauk, prof., red.; FEDOROV, A.A.,
st. nauchn. sotr., red.; TKACHENKO, N.S., inzh., red.;
DOBRZHANSKIY, A.V., st. ~~inzh.~~, red.; LEVIT, Ye.I., red. izd-
va; ISLENT'YEVA, P.G., tekhn. red.

[Analysis of ferrous metals, alloys and manganese ores] Ana-
liz chernykh metallov, splavov i margantsevykh rud. [By] V.V.
Stepin i dr. Moskva, Metallurgizdat, 1964. 498 p.

(MIRA 17:3)

1. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy
metallurgii (for Dymov, Fedorov, Tkachenko, Dobrzhanskiy).

ACC NR: AT7002100

SOURCE CODE: UR/0000/66/000/000/0134/0138

AUTHOR: Portnov, B. B.; Tkachenko, N. V.

ORG: none

TITLE: Optically active material based on ED6 epoxy resin strengthened by methyltetrahydrophthalic anhydride

SOURCE: Vsesoyuznaya konferentsiya po polarizatsionno-opticheskomu metodu issledovaniya napryazheniy. 5th, Leningrad, 1964. Polyarizatsionno-opticheskiy metod issledovaniya napryazheniy (Polarizing-optical method of investigating stresses); trudy konferentsii. Leningrad, Izd-vo Leningr. univ., 1966, 134-138

TOPIC TAGS: photoelasticity, resin, plasticizer, refractory coating, composite material

ABSTRACT: The method of preparation and properties of a new optically active material designated as ED6 MTGFA-58 are described. The material was made by mixing (by weight) 58 parts methyltetrahydrophthalic anhydride (MTGFA) into previously molten 100 parts of ED6 epoxy resin at temperature of 65--70C, and adding in sequence one part dibutyl phthalate, and 0.1 part dimethyl aniline. After polymerization the optical constant and modulus of elasticity at hardening and room temperatures were $\sigma_0^{(1.0)} = 0.38 - 0.4 \text{ kg/cm} \cdot \text{line}$, $E = 200 - 260 \text{ kg/cm}^2$, and $\sigma_1^{(1.0)} = 16.9 - 17 \text{ kg/cm}$

Card 1/2

ACC NR: AT7002100

line, $E = (20 - 30) \times 10^3 \text{ kg/cm}^2$, correspondingly. The time-edge effect was small, i.e., 0.5 lines/cm during 20 days storage. The opticomemchanical properties were further checked experimentally in actual photoelastic problems whose theoretical solutions were known and it was established that the two practically coincide. Orig. art. has: 4 figures.

SUB CODE: 11/ SUBM DATE: 14Jun66

Card 2/2

TKACHENKO, N.Ya.; GRIBIN, G.P., otv.red.; PEVZNER, A.S., zav.red.izd-va;
TEMKINA, Ye.L., tekhn.red.

[Uniform time and pay standards for construction, assembly, and repair operations in 1960) Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam. Sbornik 31. [Assembling compressors, pumps, and ventilators] Montazh kompressorov, nasosov i ventilatorov. 1960. 90 p.

(MIRA 13:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Normativno-issledovatel'skaya stantsiya No.15 kombinata Stalinshakhtostroy Stalinskogo sovnarkhoza (for Tkachenko).
(Wages) (Compressors) (Pumping machinery) (Fans, Mechanical)

TRACHENKO, N.Ya., inzh.; SHVETSOV, V.T., inzh.; MAL'TSEV, V.I., inzh.

Rapid assembly of multirope hoisting machinery in the Donets Basin.
Shaikt. stroi. 8 no.6:27-29 Je '64. (MIRA 17:10)

1. Nauchno-issledovatel'skaya stantsiya No. 15 kombinata Donetskshakhtostroy.

TRACHENKO, H.Ya., inst.; CHVETICH, V.F., inst.; KANTON, V.V., inst.

Centralize the production of large diameter pipe bridle. (MIRA 17:10)
strel. 8 no.7:18-30 31 16%.

1. Nauchno-issledovatel'skaya stantsiya izobrazheniya i konstruirovaniya.

TKACHENKO, N.Ye., inzh.

Building machinery repair plant of the building mechanization
trust of the Main Kiev Administration for Construction. Makh.
stroil. 15 no.8:21-23 Ag '58. (MIRA 11:10)
(Kiev--Building machinery--Maintenance and repair)

SOV/100-58-9-9/13

AUTHOR: Tkachenko, N. Ye., Engineer

TITLE: Maintenance Workshop of the Stroymekhanizatsiya Trust of Glavkiyevstroy. (Remontno-mekhanicheskiy zavod tresta Stroymekhanizatsiya Glavkiyevstroya).

PERIODICAL: Mekhanizatsiya Stroitel'stva, 1958, Nr.8. pp. 21 - 23. (USSR).

ABSTRACT: In 1956 it was decided to build in Kiyev a maintenance workshop to a standardised plan, worked out by No.3 Design Institute (Proyektnyy institut No.3) for the maintenance of building machines, the manufacture of non-standard equipment etc. Table 1 gives a range of machines overhauled by the above workshop. Description of the lay-out of the factory and various sections is given. The building is constructed of pre-cast reinforced concrete standardised units, the walls are built from pre-cast brick blocks, the trusses are of pre-stressed reinforced concrete type NII-200, and the roofs made from reinforced concrete slabs 6 m x 1.5 m in size. The main section of the factory has a floor area of 6,870 m². Transportation is carried out by bridge cranes of 20-ton capacity. Table 2 gives various specialised trades and number of operatives employed. Lay-out of the factory site, plan and

Card 1/2

SOV/100-53-9-9/13

Maintenance Workshop of the Stroymekhanizatsiya Trust of Glav-
.kiyevstroy.

illustration of the interior is presented. The thermal section has electrical kilns of the following types: N-45, S-45, N-15 and PN-31-1. The workshop is further sub-divided into the following sections: smithy, boiler-welding, galvanic, maintenance of electric motors and plating. There are 2 Tables.

1. Construction--Equipment
2. Industrial equipment---Maintenance
3. Industrial plants---Construction

Card 2/2

TKACHENKO, O.

Pay more attention to the teaching by correspondence in the
technicums. Sakh. prom. 37 no.8:74-75 Ag '63. (MIRA 16:8)

1. Zaveduyushchiy zaочnym otdeleniyem Smelyanskogo tekhnikuma
pishchevoy promyshlennosti.
(Correspondence schools and courses)
(Employees, Training of)

TKACHENKO, O.

New machinery marches into the country. Nauka i zhyttia 12
no.11:34-35 N '62. (MIRA 16:1)

1. Nachal'nik upravleniya vnedreniya novoy tekhniki Respublikanskogo
ob'yedineniya "Ukrsil' gosptekhnika".
(Agricultural machinery)

TKACHENKO, O.A., inzh.

Experimental investigation of temporary end anchors for A-IV type
steel in electrothermal tensioning of reinforcement. Sbor. trud.
LIIIZHT no.225:89-105 '64. (MIRA 18:8)

TSEPT, A.L.; ABLANOV, A.D.; TKACHENKO, O.B.; BATYRHEKOVA, S.A.; TULENKOV,
L.N.; KARTASHEVA, L.A.

Treatment of complex metal sulfide ores by solutions of iron
chloride; results of enlarged laboratory tests. Trudy Inst.
met. i obog. AN Kazakh. SSR 14:41-47 '65. (MIRA 18:10)

TSEFT, A.L.; ABLANOV, A.D.; TRACHENKO, G.B.; YERAMANOV, T. Ye.

Processing of copper concentrates after removal of lead and
zinc. Trudy Inst. met. i obog. AN Kazakh. SSR 8:107-112 '63
(MIRA 17:8)

ABLANOV, A.D.; KABANOVA, L.M.; TKACHENKO, O.B.; YERMILOV, V.V.

Processing of Nikolayevka deposit ores. Trudy Inst. met. i
obogashch. AN Kazakh. SSR 3:90-104 '60. (MIRA 14:6)
(Nikolayevka region(Kazakhstan)—Nonferrous metals--Metallurgy)

TSEFT, A.L.; TARASKIN, D.A.; YERMILOV, V.V.; TKACHENKO, O.B.;
VASIL'YEVA, V.A.; SUSHCHENKO, S.N.; DUKHANKINA, L.S.

Hydrometallurgical treatment of copper matte. Trudy Inst.
met. i obog. AN Kazakh. SSR 5:72-76 '62. (MIRA 15:11)
(Copper—Metallurgy) (Hydrometallurgy)

TKACHENKO, O.F.

Stratigraphic position of the Dobrotov series in the Lower Miocene of the cis-Carpathian region based on the study of lithological and mineralogical composition. Geol. zhur. 22 no.3:89-94 '62. (MIRA 15:7)

1. Ukrainskiy nauchno-issledovatel'skiy gornorudnyy institut. (Carpathian Mountain region--Geology, Stratigraphic)

TKACHENKO, O.F.

Mineralogical features of Lower M iocene sediments in the cis-Carpathian region. Geol.zhur. 22 no.1:40-50 '62. (MIRA 15:2)

1. Ukrainskiy nauchno-issledovatel'skiy gornorudnyy institut, L'vov.
(Carpathian Mountain region--Geology, Stratigraphic)
(Carpathian Mountain region--Minerals)

TKACHENKO, O.F.

Some data on the composition and structure of lower Miocene
conglomerates. Trudy UkrNIGRI no.1:79-88 '59. (MIRA 12:12)
(Carpathian Mountain region--Conglomerates)

TKACHENKO, O.F.

Volcanic tuffs from lower Miocene sediments in the cis-Carpathian region. Trudy UkrNIGRI no.1:94-96 '59. (MIRA 12:12)
(Carpathian Mountain region--Volcanic ash, tuff, etc.)

USSR/Cosmochemistry. Geochemistry. Hydrochemistry. D

Abs Jour : Ref Zhur - Khimiya, No. 8, 1957, 26552.

chemically and 120 concretions, 35 samples of argillites and the sulfide fraction of artificial concentrates of these rocks by the spectral analysis. The limits of the chemical composition of calcareous concretions are (in %): SiO_2 - 11.60 to 31.67; Al_2O_3 - 1.37 to 7.05; CaCO_3 - 55.1 to 79.45; MgCO_3 - 1.73 to 10.59; FeCO_3 - 1.32 to 9.94; MnCO_3 - 1.31 to 5.48; S - traces to 1.29. No traces of P. The limits of the chemical composition of siderite concretions are (in %): FeO - 15.86 to 32.43; FeCO_3 - 22.9 to 46.8; Al_2O_3 - 12.08 to 16.81; MgO - 1.9 to 7.95; MnCO_3 - 1.94; MnO - 0.93; S - traces to 0.63; P - up to traces. No rare metals were detected in any of the samples under study.

Card 2/2

TKACHENKO, O.F.

Some data on Eocene manganese ores in the eastern Carpathians.
Trudy UkrNIGRI no.1:108-112 '59. (MIRA 12:12)
(Carpathian Mountains--Manganese ores)

TKACHENKO, O. F.

Cand Geol-Min Sci - (diss) "Lithologo-mineralogical characteristics of deposits of the Lower Miocene of the Trans-Carpathians." L'vov, 1961. 19 pp; 1 page of tables; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, L'vov State Univ imeni I. Franko); 150 copies; price not given; (KL, 7-61 sup, 226)

TKACHENKO, O.G., inzh.

Hard facing of rails with surface hardening along the full
length of the head. Trudy TSNII MPS no.260:128-143 '63.
(MIRA 16:11)

BARDYSHEV, I.I.; TKACHENKO, O.T.

Isomerization of tar acids from cleoresins in the production of resins.
Gidroliz. i lesokhim.prom. 16 no.8:6-9 '63. (MIRA 17:1)

1. Institut fiziko-organicheskoy khimii AN BSSR.

BARDYSHEV, I.I.; TKACHENKO, O.T.; CHERCHES, Kh.A.

Resin acids. Part 4: Chemical composition of resin obtained
from pine (*Pinus silvestris*) oleoresin. Zhur.ob.khim. 32
no.3:999-1001 Mr '62. (MIRA 15:3)

1. Institut fiziko-organicheskoy khimii AN Belorusskoy SSR.
(Resin acids)

BARDYREV, I.I.; LACHENKO, O.T.; CHIRCHES, K.L.

Quantitative composition of ter acids of pine extraction
resin. Zhur. prikl. khim. 38 no.9:2049-2053 8 '65.

(MIRA 18:11)

I. Institut fiziko-organicheskoy khimii AN BSSR.

CHERCHES, Kh.A.; BARDYSHEV, I.I.; TKACHENKO, O.T.

Resin acids of the oleoresin of the spruce *Picea ajanensis* Fisch.
Zhur.prikl.khim. 33 no.10:2381-2384 0 '60. (MIRA 14:5)
(Resin acids) (Spruce)

BORISOV, P.A.; DERGUNOV, P.V.; SIROTINA, Ye.Ya.; TKACHENKO, O.V.

Economic efficiency of edge water drive in oil fields of the
Ural-Volga area. Trudy Inst.nefti 11:323-332 '58.
(MIRA 11:12)

(Ural Mountain region--Oil field flooding)
(Volga Valley--Oil field flooding)

BORISOV, Pavel Aref'yevich; RYZHENKOV, Ivan Ivanovich; SIROTINA, Yelena Yakovlevna; TKACHENKO, Oksana Vladimirovna; LATUKHINA, Ye.I., vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Economic efficiency of increasing the rate of petroleum production] Ekonomicheskaya effektivnost' intensifikatsii dobychi nefi. Moskva, Gos.nauchno-tekhn.izd-vo nefi. i gorno-toplivnoi lit-ry, 1960. 90 p. (MIRA 14:3)
(Oil fields--Production methods)

TKACHENKO, O. V.

with P. A. Borisov, P. V. Dergunov, and Ye. Ya. Sirotina "Economic
Practicability of Contour Flooding in Petroliferous Provinces of the Ural-Volga
Region"

Transactions of the Petroleum Institute, Acad. Sci. USSR, v. 11, Oil Field
Industry, Moscow, Izd-vo AN SSSR, 1958. 346pp.

SHCHELKACHEVA, V.N., prof., red.; TKACHENKO, O.V., ved. red.

[Characteristics of the development of certain oil fields in North America] Osobennosti razrabotki nekotorykh neftiannykh mestorozhdenii Severnoi Ameriki. Pod red. V.N. Shchelkacheva. Moskva, 1961. 157 p. (MIRA 15:9)

1. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy institut nauchnoy i tekhnicheskoy informatsii.
(United States--Oil reservoir engineering)

YEGOROV, V.I., red.; TKACHENKO, O.V., ved. red.

[Economic problems of petroleum production] Voprosy
ekonomiki neftedobyvaiushchei promyshlennosti. Moskva,
ITEIneftegaz, 1962. 120 p. (MIRA 16:12)

1. Institut tekhnicheskoy informatsii i ekonomicheskikh
issledovaniy po neftyany i gazovoy promyshlennosti.
(Petroleum production)

TKACHENKO, O.Yu., red.; SINEGUB, S.I. [Syniehub, S.I.], red.;
KAZIMIRENKO, L.A., khudozh.-tekhn.red.

[Inventions and improvements in agricultural machinery;
collected suggestions of the inventors and efficiency experts
of the Ukrainian S.S.R.] Vynakhody ta udoskonalennia v sil's'ko-
hospodars'kii tekhnitsi; zbirnyk propozyitsii vynakhidnykiv i
ratsionalizatoriv URSR. Kyiv, Derzh.vyd-vo sil's'kohospodars'koi
lit-ry URSR. No.2. 1958. 286 p. (MIRA 12:9)

1. Nachal'nik Upravleniya novoy tekhniki i izobreteniy Ministerstva
sel'skogo khozyaystva USSR (for Tkachenko).
(Agricultural machinery)

TKACHENKO, O.Yu.; POLEVOY, Yu.M. [Polievoy, IU.M.], inzh.

New technology in corn growing. Mekh. sil'. hosp. 14 no.3:
8-11 Mr '63. (MIRA 17:1)

1. Nachal'nik upravleniya Ukrainskogo respublikanskogo
ob'yedineniya "Ukrsil' gosptekhnika" (for Tkachenko).

TKACHENKO, O.Yu.

Speed up the production of improved corn combines. Mekh. sil'.hosp.
12 no.8:29-32 Ag '61. (MIRA 14:7)

1. Nachal'nik Upravlinnya vprovadzhennya novoi tekhniki i
rozmishchennya zamovlan' "Ukrsil'gospstekhniki".
(Corn picker (Machine))

TKACHENKO, O.Yu., inzh.-mekhanik; PETRENKO, M.P., inzh.-mekhanik

Advanced technology for sugar beet growing. Mekh. sil'. hosp. 14
no.4:9-11 Ap '63. (MIRA 16:10)

TKACHENKO, O.Yu.

Put advanced technology and new machinery in the service of
agriculture. Mekh. sil'. hosp. 14 no.11:3-4 N'63.

(MIRA 17:2)

1. Nachal'nik upravleniya vnedreniya novoy tekhniki i
raspredeleniya zakazov Ukrainskogo respublikanskogo ob'yedineniya
"Ukrsil' gosptekhnika."

TKACHENKO, O.Yu., inzh.; PETRENKO, M.P., inzh.

Using new machinery in sugar beet cultivation. Mekh. sil'.
hosp. 12 no. 1:27-29 Ja '61. (MIRA 14:1)
(Agricultural machinery) (Sugar beets)

TKACHENKO, O.Yu. [Tkachenko, O.IU.]

Results obtained from testing corn harvesters. Mekh. sil' hosp.
10 no.4:20-22 Ap '59. (MIRA 12:6)

1. Nachal'nik Upravleniya novoy tekhniki i izobreteniy Ministerstva
sel'skogo khozyaystva USSR.
(Corn picker (Machine))

SOV-25-58-8-55/61

AUTHOR: Tkachenko, P., Candidate of Agricultural Sciences

TITLE: We Are Informed (Nam pishut)

PERIODICAL: Nauka i zhizn', 1958, ²⁵Nr 8, p 77 (USSR)

ABSTRACT:

In recent years, biology and the technique of cultivating the lemon wormwood was studied in detail at the Sredneaziat-skaya zonal'naya opytnaya stantsiya efiromaslichnykh kul'tur (Central Asian Zonal Testing Station for Ester-Olive Plants). There the plant has been cultivated for the first time. This herb is a very promising plant grown for the production of essential oils. It is found in the Turkmen SSR, in semi-deserts at altitudes of 400-800 m. Commercial cultivation has not yet been successful. At present the sovkhos "Efironos" (Tadzhik SSR) harvested 6 tons of the green herb from 1 hectare from which an average of 0.89 % of the essential oil was extracted. The essential oil of the lemon wormwood contains such sweet-scented substances as citral, geraniol, linalool.

Card 1/2

We Are Informed

SOV-25-58-8-55/61

Compared with coriander, the return of essential oil from
1 ha of lemon wormwood equals that of 20 ha coriander.

1. Lemon wormwood--Growth 2. Oils--Solvent

Card 2/2

TKACHENKO, P., kand.tekhn.nauk, inzh.-polkovnik

What is military cybernetics? Voen.vest. 39 no.2:90-91 P '60.

(MIRA 14:2)

(Automatic control)

(Electronic calculating machines)

16.6800

82809

S/018/60/000/002/001/001

AUTHOR: Tkachenko, P., Engineer-Colonel, Candidate of Technical Sciences

TITLE: On Military Cybernetics ¹⁶

PERIODICAL: Voyenny Vestnik, 1960, No. 2, pp. 92-95

TEXT: The author gives a brief review on electronic digital computers and discusses the nature and tasks of cybernetics in general and military cybernetics in particular. According to foreign press data military cybernetics is based on the theory of information, investigation of operations and electronic digital computers. These three subjects are closely interlinked and in their entity answer the question how and to what extent electronic computers can be used. Three categories of operations are mentioned: mechanical, human and mixed, i.e., performed by humans in charge of mechanisms. The investigation of operations in respect of mechanical systems is comparatively easy and can be solved by a normal mathematical process. However, operations involving human and mixed units are still presenting considerable difficulties as there is the human element to consider which cannot be translated into any of the known computing

Card 1/3

82809

On Military Cybernetics

S/018/60/000/002/001/001

systems. Foreign countries particularly the USA, are working intensively on development of a new computer able to consider chance factors and solve combat problems involving human or mixed units. The new computer is based on the theory of linear programming, i.e., the most effective distribution of available resources, the theory of games, i.e., the development of best combat tactics and the anticipation of enemy's losses and counteraction on a minimum of beforehand information; and the theory of simulation, i.e., the simulation of combat actions to establish the most probable results. The following works dealing with the theory of games were published in the USA: "The Strategy of Poker, Business and War"; "The Perfect Strategist or the Handbook of Strategical Game Theory"; "The Analytic Study of Military Games" and "The Duel of Tanks and Problems of the Theory of Games". The theory of games is still far from perfection, its main difficulty being the mathematical expression of concrete military data, e.g., the losses of one side and the gains of the other. Foreign military press mentions the following methods applied in the theory of simulation: analytic, statistical and methods based on the probability theory. The analytical method has been frequently used for the mathematical description of a battle, e.g., the work by Brakni (Brakney) "Dynamics of Combat" published in 1959. This method has only a limited scope, e.g., actions of not too large

Card 2/3

On Military Cybernetics

82809

S/018/60/000/002/001/001

sub-units, in which the essential part is played by aircraft, tanks etc. The probability method is a perfected form of the analytic method though its applicability remains limited. The statistical method (particularly the "Monte Carlo" method) appears to have the highest possibilities. It is based on electronic digital computers, on which all available actual and tactical data are recorded. As the outcome of every combat is also determined by a number of unpredictable chance factors, these are taken into consideration by introduction of perturbation into each element of action by the generator of chance digits. Each battle is repeated 50-100 times on the electronic model and the summary of results provides reliable data which can be applied to real-life actions. The following electronic computers for military purposes are developed in the USA: automatic command system "Seydzh" for PVO (Anti-Aircraft Defense) troops (Ref. 1), automatic army supply system "Maas" (Ref. 2), automatic system for collection and evaluation of information on the scale Regiment - Army "Fildata" (Ref. 3) and the prospective automated command system "Armydata" (Ref. 3). There are 3 English references.

Card 3/3

TKACHENKO, P., kand.tekhn.nauk, inzh.-polkovnik

Electronic digital computers and information processing; from the
foreign press. Voen.vest. 39 no.8:63-67 Ag '60. (MIRA 14;2)
(Electronic digital computers)

TKACHENKO, P.

Branch laboratories for establishing technical standards in
Zaporozh'ye. Sots.trud 5 no.3:116-117 Mr '60. (MIRA 13:6)

1. Zamestitel' nachal'nika normativno-issledovatel'skoy laboratorii
Upravleniya tsvetnoy metallurgii i khimicheskoy promyshlennosti
Zaporozhskogo sovnarkhoza.
(Zaporozh'ye--Production standards)

TKACHENKO, P.

Automatic control is the wings of the seven-year plan. Mast.
ugl. 9 no.3:8b Mr '60. (MIRA 13:6)

1. Pomoshchnik glavnogo mekhanika shakhty No.1 "Vertikal'naya"
Karagandinskogo sovnarkhoza.

(Automatic control)

(Karaganda Basin--Coal mining machinery)

TKACHENKO, P.

Creating branch norms for the number of workers. Sots. trud 6
no.5:72-75 My '61. (MIRA 14:6)
(Dnepropetrovsk Province--Aluminum industry)

TKACENKO, P.

There is no life without water. p. 271.

Vol. 4, no. 9, Sept. 1954
VODNI HOSPODARSTVI
Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 8, August 1956

TKACHENKO, P.E.

98-58-5-4/33

AUTHOR: Gromov, V.I., Engineer, and Tkachenko, P.E., Candidate of Technical Sciences

TITLE: The Passing of Discharges Through the Water Pipes of Turbine Units During Construction at the Irkutsk Hydroelectric Power Plant (Proputsk stroitel'nykh raskhodov cherez vodovody turbinnykh blokov Irkutskoy GES)

PERIODICAL: Gidrotekhnicheskoye Stroitel'stvo, 1958, Nr 5, pp 17-22(USSR)

ABSTRACT: The comparison of laboratory and actual observations makes it possible to determine the general regularity of hydraulic processes with respect to unfinished turbine units and in making decisions for their utilization in the planning of projects. The Irkutskaya gidrostantsiya (Irkutsk Hydroelectric Power Plant) projected by Chief Engineer G.K. Sukhanov of the Moskovskoye otdeleniye instituta "Gidroenergoproekt" (Moscow Branch of the "Gidroenergoproekt" Institute), has turbine units of different design and therefore they are suitable for carrying out hydraulic investigations. In figure 1, three turbine units of different design are shown. After

Card 1/2

98-58-5-4/33

The Passing of Discharges Through the Water Pipes of Turbine Units During Construction at the Irkutsk Hydroelectric Power Plant

examining the different types, the 2nd turbine unit must be regarded as the most suitable, for it ensures favorable hydraulic conditions for the passing water current. A turbine unit of this type is also the most appropriate with respect to the second stage of the concrete work to be performed. Furthermore the study of hydraulic processes is possible by using water pipe models of hydrotechnical construction. The best material for these models is organic glass, for it offers the possibility of observing the stream inside the water pipes.

There are 4 figures, .

and 1 table.

AVAILABLE: Library of Congress

Card 2/2

TKACHENKO, P.G., uchitel'nitsa

Notebook on botany in the fifth grade. Biol. v shkole no. 1:23-27
Ja-F '61. (MIRA 14:4)

1. Srednyaya shkola No.3, Chernovtsy.
(Botany—Study and teaching)

TKACHENKO, P.G., uchitel'nitsa

Use of proverbs and sayings in the biology class. Biol. v shkole
no.2:87-88 Mr-Apr '59. (MIRA 12:4)

1. Srednyaya shkola No.4, g. Chernovtsy.
(Biology--Study and teaching)

TKACHENKO, Pavel Grigor'yevich; TIMCHENKO, Boris Sevast'yanovich;
VYAZ'MIN, Gennadiy Ivanovich; YANKELEVICH, V.M., otv. red.;
KAMINSKIY, L.N., red. izd-va; ANDREYEV, S.P., tekhn. red.

[Organization and planning of the operation and maintenance of
automatic measurement and control equipment] Organizatsiya i
planirovanie rabot sluzhby KIP i avtomatiki; spravochnoe i
prakticheskoe rukovodstvo. Moskva, Metallurgizdat, 1963.
247 p. (MIRA 16:6)

(Measuring instruments--Maintenance and repair)
(Automatic control--Handbooks, manuals, etc.)

DOBRYNIN, V.P., prof.; OL'SHANSKIY, M.A., akademik, lektor; YELIN, Ye.Ya., dots.; FAT'YANOV, A.S., prof.; GUBAREV, A.N.; TKACHENKO, P.I., dots.; CHIZHEVSKIY, M.G., prof., lektor; AVDONIN, N.S., prof., lektor; ONUCHAK, A.I., dots.; DUNIN, M.S., prof., lektor; SAVZDARG, E.E., prof., lektor; KREMENTETSKIY, N.D., dots., lektor; AVER'YANOV, S.F., dots., lektor; POLUBOYARINOV, I.I., dots.; GUBAREV, A.N., red. izd-va; NAUMOV, K.M., tekhn. red.

[Textbook on agriculture for party schools] Uchebnoe posobie po sel'skomu khoziaistvu dlia partiinykh shkol. Moskva. Pt.1. [Crop farming] Zemledelie. 1958. 397 p. (MIRA 15:1)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya partiynaya shkola. 2. Vysshaya partiynaya shkola pri Tsentral'nom komitete Kommunisticheskoy partii Sovetskogo Soyuza (for Dobrynin, Ol'shanskiy, Gubarev, Tkachenko, Chizhevskiy, Avdonin, Onuchak, Dunin, Savzdarg, Kremenetskiy, Aver'yanov). 3. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Ol'shanskiy). 4. Vysshaya partiynaya shkola pri Tsentral'nom komitete Kommunisticheskoy partii Ukrainy (for Yelin, Poluboyarinov). 5. Gor'kovskaya Vysshaya partiynaya shkola (for Fat'yanov).
(Agriculture)

TKACHENKO, Petr Ivanovich; VORONINA, N.V., red.

[Possibilities for increasing the production of potatoes]
Rezervy uvelicheniia proizvodstva kartofelia. Moskva, Izd-vo
VPSH i AON pri TsK KPSS, 1960. 30 p.

(MIRA 14:2)

(Potatoes)

ZEZYULYA, R.D.; TARANETS, M.P.; TKACHENKO, P.I.

Improving the seed and strain qualities of potatoes. Trudy VNIISP
no. 4:52-84 '54. (MIRA 8:12)

(Potatoes)

BOYARSKIY, M.N.; KLEVYADO, A.N., prepodavatel' istorii partii; LANDO, M.E.;
MOLOTKOV, L.D.; POPOVA, I.V., istorik; TKACHENKO, P.M.; POCHEBUT,
G.A., kand.istor.nauk, starshiy nauchnyy sotrudnik, nauchnyy red.;
ROZANOV, M.D., red.; TIKHONOVA, I.M., tekhn.red.

[Resources for electrification; brief description of the history
of the Leningrad "Electric power" Plant named in honor of S.M.
Kirov] Arsenal elektrifikatsii; kratkii ocherk istorii leningrad-
skogo zavoda "Elektrosila" imeni S.M.Kirova. Leningrad, Lenizdat,
1960. 267 p. (MIRA 13:7)

1. Zamestitel' direktora zavoda "Elektrosila" (for Boyarskiy).
 2. Nachal'nik byuro tekhnicheskoy informatsii zavoda "Elektrosila"
(for Lando).
 3. Redaktor zavodskoy gazety "Elektrosila" leningrad-
skogo zavoda "Elektrosila" (for Molotkov).
 4. Tekhnicheskii muzey
zavoda "Elektrosila" (for Popova).
 5. Zaveduyushchiy kabinetom
politicheskogo prosveshcheniya partkoma zavoda "Elektrosila" (for
Tkachenko).
 6. Institut istorii partii pri Leningradskom obkome
Kommunisticheskoy partii Sovetskogo Soyuza (for Pochebut).
- (Leningrad--Electric power plants)

TKACHENKO, P.P.

Experience in working with limestone fragments from 20
to 100 mm. in size. Sakh.prom. 34 no.3:44-45 Mr ~~43~~ 1960 -
(MIRA 13:6).

1. Veliko-Oktyabr'skiy sakhar'nyy zavod.
(Limestone)

TKACHENKO, P.S.

Moscow University

Student agitation in the Moscow University in 1887. Vest. Mosk. un., 7, No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June, 1952 ~~1953~~. Unclassified.